

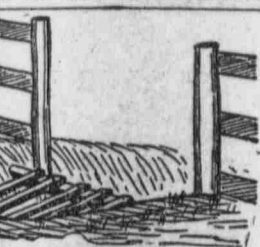
ARM TOPICS

Size of Seed Potatoes.
The size of the seed for potatoes in the yield. In England whole tubers are used in almost every second successful grower in this country use seed potatoes cut in half, cutting to smaller sizes. Deep planting and level cultivation better results than hilling. One plant in a place gives the tubers, but not so many as two or more plants are together.

Encourage the Cow.
An animal possesses the natural yielding plenty of rich milk, another does not, and in order to secure a good supply everything must be done to encourage her. The cow which should not be milked on the dairy farm longer is absolutely necessary. The stock should be graded up to the standard first. A good plan is to take the best animal on the farm, and try to make all the others her equal. It will naturally be some difference every year, but if the method is continued year by year of improvement the stock up to the highest standard the profits must gradually increase. Too little attention is paid to accurate records of performance of the dairy cows. This is just as essential as any other part of the farm. It is the only successful way of leading out which cows pay and do not.—E. P. Smith, in American Cultivator.

Flood Gap.

Spring is the time for high water. Perhaps a suggestion is needed to a handy water gap will be appreciated by the farmer. I think a glance at the illustration will be about all that is necessary to catch the idea. The illustration



presents the gap while the water is high. During a flood everything passes the top. At a glance some might think a water gap made in this way would not turn stock, but I wish to say that if properly made no stock of kind will attempt going through. Bars or slats should be sunk in the bed of the stream several inches then spiked securely to the pole which crosses the stream. The pole also be secured at both ends by means of posts or stakes. Should any accumulate on the slats while water is low, as soon as the water high enough to flow over the top of gate all the drift will be washed away.—R. G. in The Epitomist.

Stored Crops.

When put in the mow, varies amount of moisture according to condition of the weather when dried. The loss in the mow ranges from three per cent. to twenty-one per cent., or even more, but when stacked in the barn hay will often gain weight. Clover hay seems to lose less than timothy. Early cut hay gains more food value for a given weight, but later cutting gives a higher yield. Grass cut when nearly dry and well cured, gave eleven per cent. more than an equal area cut in blossom, and the early cut lost more in weight from shrinkage. Clover shrinks a little over one per cent. when cured, or about sixty per cent. It is claimed, however, that 100 pounds of green clover, cut at the proper time, and well cured, will make seven pounds of hay, which will last in twenty days to thirty-seven days, after storing. Cord wood will lose about one-half its weight in six months. In corn the relation between weight of kernels and cob does not remain constant as the ears dry. The first husked fully twenty-five per cent. of the weight of the ears is the cobs. By spring less than twenty per cent. was in the cobs. Experiments showed that shelled corn in weight 7.45 per cent. from October to March, while the cobs lost thirty-six per cent. If the moisture shrinkage is considered in relation to its effect on values it is plain that any increase or decrease in weight is a loss or gain to the owner. The article at the time it reaches the market, but to the farmer who does not desire to sell, preferring to store the grain on the farm, the real loss is influenced but little, if any, as loss or gain is due to the elimination or absorption of moisture, which to a certain extent, affects its digestibility, but it is demonstrated that the grain and again regain its weight, according to the power falls of the season.

QUITE-READY FOR THE EMERGENCY.

Wordsworth's lines of the child at play, "as if his whole vocation were endless imitation," were recently recalled by a conversation overheard in the children's ward at a provincial hospital. A little girl, whose role was that of nurse, rang an imaginary telephone on the wall to talk to her companion at the farther end of the room, who played the part of doctor. "Hallo!" said the nurse. "Is that the doctor?" "Yes," answered her companion, in a deep voice, "this is the doctor." "This lady is very ill," he was informed. "Well, what seems to be the matter?" "She has swallowed a whole bottle of ink," said the nurse. The doctor, not flurried, inquired what had been done for the patient; but the nurse, too, was ready in emergencies. She answered: "I gave her two pads of blotting paper!"—Tit-Bits.

A POSSIBLE INCIDENT.

First Horse—What's wrong with old Grey? He's shaking his head as if a hornet had stung him. Second Horse—Perhaps he has a bee in his bonnet.

EXPLAINED.

"How did the horse shoe come to be regarded as a symbol of good luck?" "Well, the first patent granted in America was to a blacksmith."—Chicago Record-Herald.

\$100 Reward. \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials. Address F. J. CERRY & Co., Toledo, O. Sold by Druggists, 75c. Hall's Family Pills are the best.

People in the West End of London are spending much money this year on external floral decorations for their houses.

FITS permanently cured. No fits or nervousness after first day's use of Dr. Kline's Great Nerve Restorer. \$2 trial bottle and treatise free. Dr. R. H. KLINE, Ltd., 931 Arch St., Phila. Pa.

There's more in a clock than appears on the face of it.

Mrs. Winslow's Soothing Syrup for children's teething, softens the gums, reduces inflammation, allays pain, cures wind colic. 25c a bottle.

British exports to the Cape and Natal increased thirty-four per cent last year.

Lamson's Pile Cure for Consumption saved my life three years ago.—Mrs. THOMAS ROBERTS, Maple St., Norwich, N.Y., Feb. 17, 1909.

There are over 200,000 acres of uncultivated oyster land in Long Island Sound.

PURMAN FADLESS DYES do not stain the hands or spot the kettle. Sold by all druggists.

"When it comes to matrimony," says the cynical bachelor "it seems as though no man ever gets old enough to know better."

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CURES WHERE ALL ELSE FAILS. Best Cough Syrup. Tastes Good. Use in time. Sold by druggists.

Thompson's Eye Water



X-ray photographs were used to disprove a workman's claim for broken bones in a London county court the other day.

The sun's light is equal to 5508 wax candles at one foot from the eye. It would take 800,000 full moons to equal cloudless sunshine.

New Zealand has so many rapid streams and rivers that their water might be easily utilized to supply motive power for machinery.

From 1883 to 1898 the temperature in Manila ranged from seventy-seven in January and December and seventy-eight in February to eighty-three in April and May. The rainfall in July, August and September averaged about fourteen inches. Humidity seventy-one in April to eighty-six in September.

M. Bouffay finds by a comparison of records for many years that such pronounced weather conditions as hard rain and snow storms, etc., tend to repeat themselves in periods of about twenty-nine days or multiples thereof. In other words this periodicity corresponds to the lunar month. It is not maintained that the moon infallibly determines the weather but it does appear that when other conditions are equal its influence can give a periodical character to it.

According to observations and experiments at Rothamsted, England, extending over a period of twenty-nine years, there is a great difference between the quantity of rain absorbed by the soil in winter and in summer. In winter a little more than one-half the rainfall penetrates the earth, and thus becomes available for the supply of springs; while in summer only one-fourth of the rainfall is absorbed. The maximum quantity of water in the soil is at a depth of forty inches.

It has been a source of wonder how delicate wild plants in early spring can shoot up through a layer of snow and even a layer of hard ice, as they do in many regions, without injury. It can hardly be possible that they push their way through by mechanical force. A Swedish naturalist named Hadagard has come to the conclusion that they melt the opening for themselves in the snow and ice. It is shown that plants do give off heat, just as animals do, except, of course, in smaller quantity. The plant is an organism that breathes and the process of oxidation necessarily produces heat.

New Way to Get a Day Off.

A certain Government officer was noted for being a hard taskmaster to those who were under him, the servants in his own establishment being no exception. His valet was expected to be on duty three hundred and sixty-five full days in the year.

Being detailed to accompany a scientific expedition on an extended cruise, the officer unbent a little in communicating the news to his personal attendant.

"Well, James," he said, "how would you like to go with me around the world?"

"Do we go from east to west, sir?" asked the valet.

"Yes."

"We lose a day in going that way, don't we?"

"We do."

"Well, sir, I'd like it first rate. It would give me one day off."

His master was so pleased with the aptness of the retort that he gave him a week off to prepare for the trip.

A Drought Story.

An old lady said to "Copies yesterday: "I can tell you an odd story of the great drought of 1899. In October of that year I was going one day with my husband from Leighton to Lawrence. We followed the Kansas River down, and at noon we were invited by a German farmer to stop for dinner. You may imagine our surprise when we were seated at a dinner largely composed of green peas, radishes, lettuce and other vegetables. Naturally we asked where such fine vegetables could be procured at a time when the very leaves on the trees were burned up, and when such things were out of season. After dinner the farmer took up to his garden. He had made it down in the bed of the Kansas River, planting his seeds in a moist place after the river had ceased to run."

Met Mosquitoes at Sea.

When forty miles off Virginia Beach, in the Atlantic Ocean, says the Baltimore Sun, a dense cloud of mosquitoes struck the British steamer Straits of Menai, bound to this port from Malta. Captain Jenkins and the officers of the ship suffered greatly from the little insects, which dispersed themselves all over the ship.

HANDICAPPED.

"He never amounted to much, did he?"

"No, but then the poor fellow never had half a chance."

"How was that?"

"He was considered a prodigy when he was young, and was treated accordingly."—Chicago Post.

The Typewriter Invention.

A statistician has proved that the invention of the typewriter has given employment to 800,000 people, but he fails to state how many cases of weak stomachs and dyspepsia it has induced. All people of sedentary occupation need Hostetter's Stomach Bitters. It is a wonderful medicine and helps nature bear the strain which ensues from confinement. It also cures, dyspepsia, indigestion, constipation and flatulency. Be sure to try it and you will not be disappointed.

The two most unpopular men in the world are the baseball umpire and the weather man.

That Pale Woman

You meet everywhere in nine cases out of ten is entitled to rosy cheeks and a strong constitution. Her troubles are easily curable. The right remedy is Dr. Keen's Female Tonic and Regulator. It invigorates all the delicate organism of woman, and banishes every form of female weakness.

The annual expenditure of the Mexican Government to-day is three times what it was thirty years ago.

Heat For the Bowels.

No matter what ails you, headache to a cancer, you will never get well until your bowels are put right. CASCARETS help nature, cure you without a gripe or pain, produce easy natural movements, cost you just 10 cents to start getting your health back. CASCARETS Candy Cathartic, the genuine, put up in metal boxes, every tablet has O. C. C. stamped on it. Beware of imitations.

Eighty thousand cats are yearly exported from Great Britain. The total number on those islands is estimated at 7,000,000.

Poorly?

"For two years I suffered terribly from dyspepsia, with great depression, and was always feeling poorly. I then tried Ayer's Sarsaparilla, and in one week I was a new man."—John McDonald, Philadelphia, Pa.

Don't forget that it's "Ayer's" Sarsaparilla that will make you strong and hopeful. Don't waste your time and money by trying some other kind. Use the old, tested, tried, and true Ayer's Sarsaparilla. \$1.00 a bottle. All druggists.

Ask your doctor what he thinks of Ayer's Sarsaparilla. He knows all about this grand old family medicine. Follow his advice and we will be satisfied. J. C. AYER CO., Lowell, Mass.

Constipation

Does your head ache? Pain back of your eyes? Bad taste in your mouth? It's your liver! Ayer's Pills are liver pills. They cure constipation, headache, dyspepsia. 25c. All druggists.

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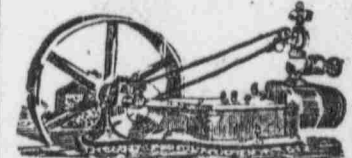
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